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Weekly update on DTL #1+ #3 ; week 50

Narrative description:

Accomplishments: Two additional water channel weld coupons required for the weld qualification were e-beam welded. Micrographs of the welds indicated the desired weld characteristics, concluding this part of the weld certification program. Welding of 20 Tank-1 drift tube rebuild units begins next week, as scheduled. Machining of Tank-3 drift tubes for weld ring repair began. 15 units will be ready for welding next week. Post coupler weld coupons were welded for qualification of the water-to-vacuum post coupler welds. Three sets of coupons have been sent to LTI for evaluation. On the tank groove clean up and plating (Oak Ridge scope): 1A – complete; Tank 1B – complete; Tank 3A – complete; Tank 3C – complete; Tank 3B – complete; Tank 3B - groove nickel plated ; Tank 3 assembly on the stand will begin this week.

Actions: The mechanical engineering group needed to be re-staffed to execute the DTL recovery plan, which exists in draft form. With considerable support from the LANL Senior Executive Team and advice from our Division Review Committee we now (12/13/02) have adequate, experienced staff identified and committed to execute this plan. The Division Review Committee chaired by Ed Knapp met this week and discussed the DTL recovery plan extensively. Appropriate staffing levels for the recovery plan were recommended and put in place by LANL senior management (thanks very much). Approximately 30 FTE are working full time on the recovery now.

Milestone description	Due Date	Number total	Number or % complete	Delta last week
DTL 3 DT's repair	Feb 28 th '03	29	0	-2
DTL 3 DT's rebuilt	Feb 28 th '03	4	3	3
DTL 3 DT's new built	Feb 28 th '03	0	0	0
DTL 3 other parts	Feb 28 th '03	100 %		0
All DTL 3 parts shipped	Feb 28 th '03	100 %	? / IPS marker DTLINK51	0
DTL 3 installation	April 16 st '03	100 %	? /IPS marker DTL045	0
DTL 1 DT's repair	April 1 st '03	13	13	-2
DTL 1 DT's rebuilt	April 1 st '03	46	0	2
DTL 1 DT's new built	April 1 st '03	0	0	
DTL 1 other parts	April 1 st '03	100 %	??	?
All DTL 1 parts shipped	April 1 st '03	100 %	? / IPS marker DTL055	?
DTL 1 installation	May 21 th '03	100 %	? / IPS marker DTLINK31	?

A second draft of the recovery plan is under way and will be sent to Oak Ridge by the end of this week. That now includes the technical recovery plan and a resource loaded schedule that will (most likely) meet the IPS delivery dates.